

ABSTRACT OF THE DISCLOSURE

A conventional hybrid hot air heater controls an air blowing system using one air-blowing fan such that the generated heat quantity is different compared to when a combustion heater is operated alone and a case when an electric heater is operated together with the combustion heater. Therefore, it has been necessary to blow different quantities of intake air into a chassis for these different cases in order that the heater will not overheat. This has made it difficult to operate the combustion heater with stability due to the difference in quantity of combustion air.

In a hybrid hot air heater according to the present invention, a chassis having first and second outlets 13 on its front face and first and second inlets 12 on its rear face incorporates therein a gas heater unit 2 comprised of a gas burner 20 and a first air-blowing fan 21 and an electric heater unit 3 comprised of an electric heater 33 and a second air-blowing fan 30 in such a manner that the air blowing systems for the respective two heaters may be independent of each other.